

TOP SECRET

PRIORITY

1964 MAY 21 17 53Z

TOP SECRET 211745Z

PRIORITY

IDEALIST

ATTN:

SUBJECT: EVALUATION OF MISSION GT 64-106 (TEST ON 112B SYSTEM -  
UNITS I-1 AND I-2).

1. CAMERAS I-1 AND I-2 WERE USED ON MISSION GT 64-106 FLOWN  
ON 17 MARCH 1964. PROCESSING WAS ACCOMPLISHED

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE WAS ADEQUATE AND THE RESOLUTION WAS GOOD TO  
VERY GOOD. THE FORWARD CAMERA (I-2), HOWEVER, PRODUCED A SOFTER  
IMAGE THAN THE AFT.

B. FORWARD CAMERA (I-2) - MINOR MINUS DENSITY STREAKS  
APPEARED THROUGHOUT THE MISSION. DISTINCT STREAKS WERE NOTED  
PARALLEL TO AND 0.72" FROM EITHER EDGE. OTHER STREAKS FOLLOWED A  
SLOPED PATH ACROSS THE FORMAT INDICATING FOREIGN MATTER IN THE SLIT.  
FOGGING OCCURS ON FRAMES 1 THROUGH 24 AND FRAME 110. A MINUS  
DENSITY DOT WITH TAIL WAS NOTED ON FRAME 70.

C. AFT CAMERA (I-1) - MINOR MINUS DENSITY STREAKS ARE PRESENT  
PARALLEL TO AND 0.8" AND 1.2" FROM EITHER EDGE OF THE FILM. OTHER LESS  
DISTINCT MINUS DENSITY STREAKS ARE ALSO PRESENT. FOGGING DEGRADING

21 MAY 1964

OUT 5346 HPS

OUT 5346 HPS 25X1

CNC

FNS 25X1

AOS

Grace (File)

25X1

25X1

TOP SECRET

GROUP 1 AND 2 EXCLUDED  
from automatic  
downgrading and  
declassification

FRAMES 1-18 AND FRAME 109 PROBABLY OCCURRED IN HANDLING, BUT FRAMES 33, 34, 36, 94 AND 95 WERE ALSO FOGGED AND HAD EQUIPMENT IMAGED ON THEM INDICATING POSSIBLE LIGHT LEAKS IN THE CAMERA.

D. BOTH CAMERAS: THE OVERLAP WAS SPOT CHECKED AND WAS FOUND TO BE 0-10 PERCENT ON THOSE OCCASIONS. RAIL SCRATCHES OF VARYING INTENSITY ARE PRESENT ALONG BOTH EDGES OF THE FILM FROM BOTH CAMERAS. EDGE FOG IS HEAVY THROUGHOUT THE MISSION ON ALL EDGES. MINOR TRANSVERSE BANDING IS NOTED THROUGHOUT THE FORMAT WHEN THE DENSITY LEVEL IS FAVORABLE. THE TITLING IS LOCATED TOO CLOSE TO THE TAKE-UP END OF THE FORMAT AND OBSCURES THE BINARY WORD WHEN IT APPEARS. THE LAST TITLED FRAME ON THE FORWARD IS 110; ON THE AFT, 109.

E. THE DATA BLOCK DOES NOT APPEAR THROUGH MOST OF THE MISSION. WHEN IT DOES APPEAR IT IS OFTEN BLURRED. NO ATTEMPT WAS MADE TO CHECK THE ACCURACY OF THE BINARY WORD. NO MAJOR PROCESSING ANOMALIES WERE PRESENT.

3. POSITIVES: NO POSITIVE MATERIAL WAS AVAILABLE FROM THIS EFFORT.

T O P S E C R E T

--END OF MESSAGE--